



Hewlett Packard
Enterprise

HPE ConvergedSystem 200-HC StoreVirtual

Matrix of qualified software and firmware

Abstract

This document provides the recommended firmware and software for the HPE ConvergedSystem 200-HC StoreVirtual. This document is for the person who installs, administers, troubleshoots, or maintains the solution.

Part Number: P08591-002
Published: November 2018
Edition: 2

Notices

© Copyright 2018 Hewlett Packard Enterprise Development LP

The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty.

Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Links to third-party websites take you outside the Hewlett Packard Enterprise website. Hewlett Packard Enterprise has no control over and is not responsible for information outside the Hewlett Packard Enterprise website.

Microsoft® and Windows® are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

VMware®, vCenter™ and vSphere™ are registered trademarks or trademarks of VMware, Inc. in the United States and/or other jurisdictions.

Contents

| | |
|--|-----------|
| Getting started | 4 |
| About this document..... | 4 |
| Revision history | 4 |
| Matrix compliance | 5 |
| Before performing a firmware and software update check customer advisories | 5 |
| Current advisories | 5 |
| Definitions | 6 |
| | |
| Management VM Software | 7 |
| | |
| Node software | 9 |
| Node software versions..... | 9 |
| Node firmware and driver versions | 10 |
| | |
| Support and other resources | 12 |
| Accessing Hewlett Packard Enterprise Support..... | 12 |
| Accessing updates | 12 |
| Customer self repair | 13 |
| Remote support..... | 13 |
| Warranty information | 14 |
| Regulatory information | 14 |
| Documentation feedback..... | 14 |

Getting started

About this document

The HPE ConvergedSystem 200-HC StoreVirtual Firmware and Software Compatibility Matrix outlines the solution level software and component level firmware versions qualified to run on the HPE ConvergedSystem 200-HC StoreVirtual. Hewlett Packard Enterprise recommends running your HPE ConvergedSystem 200-HC StoreVirtual systems with the software and firmware versions listed in this document. Upgrades beyond the software and firmware versions listed in this document, except where explicitly stated, may introduce unexpected behavior and result in an unsupported configuration.

This document provides information for the following HPE ConvergedSystem 200-HC StoreVirtual solutions:

- HPE ConvergedSystem 200-HC StoreVirtual General Virtualization

For the most recent version of this document, see the Hewlett Packard Enterprise website www.hpe.com/info/hyperconverged-docs.

Revision history

| Revision | Date | Description |
|----------|----------------|--|
| v1 | February 2015 | First Release |
| v2 | May 2015 | Added StoreVirtual VSA 12.0 along with HPE OneView InstantOn 1.0.1 |
| v3 | September 2015 | Added CS 250-HC vCenter 5.5 |
| v4 | October 2015 | Added VMware Remote vCenter 5.5 & 6.0 |
| v5 | December 2015 | Added Drive Models Hewlett Packard Enterprise Hard Disk Drive Models for HC 240/242 & HC250: EG1200FDJYT (FW v. HPD4) and EG1200FCVBQ (FW v. HPD8) |
| v6 | January 2016 | Added Network Interface Card (HPE FlexFabric 10Gb 2-port 556FLR-SFP+ Adapter) for CS 250-HC; Network Interface Card (HPE FlexFabric 10Gb 2-port 554FLR-SFP+ Adapter) for CS 240/242-HC |
| v7 | June 2018 | Added VMware vSphere 6.0 U3 upgrade support |
| v8 | September 2018 | Added support for ESXi 6.0 U3 9313334 and latest vCenter and vSphere server |

Matrix compliance

! IMPORTANT:

To remain in support compliance, Hewlett Packard Enterprise recommends updating your system to the software and firmware versions listed in the columns in this compatibility matrix.

For customers who are skilled in maintaining and upgrading the components of their solution, Hewlett Packard Enterprise recommends following this matrix. For customers who prefer Hewlett Packard Enterprise to perform updates and upgrades for their solution, HPE PointNext offers a range of services to help maintain your solution.

Before performing a firmware and software update check customer advisories

Before performing a firmware and software update, check the Advisories, bulletins & notices section of the Hewlett Packard Enterprise Support Center (HPESC).

If necessary, you will be instructed to apply specific hot fixes to address potential issues. Hot fixes are supported as part of the support criteria for the HPE ConvergedSystem 200-HC StoreVirtual solution.

To receive the latest advisories, bulletins, and notices for the HPE ConvergedSystem 200-HC StoreVirtual, subscribe to support email alerts through the Hewlett Packard Enterprise Support Center website ([http:// www.support.hpe.com/hpesc](http://www.support.hpe.com/hpesc)).

Current advisories

| Advisory description | Type | Date |
|--|-------------------|--------------|
| HPE ConvergedSystem 200-HC StoreVirtual Systems - The HPE OneView for VMware vCenter Support Data License Agreement is Not Displayed During Product Installation | Advisory | Apr 09, 2015 |
| HPE OneView For VMware vCenter - Critical Issue Causes HPE OneView For VMware vCenter To Be Unresponsive | Advisory | Mar 02, 2016 |
| HPE StoreVirtual 4000 Storage and StoreVirtual VSA Software running LeftHand OS, Remote Arbitrary Command | Security Bulletin | Feb 23, 2017 |
| HPE StoreVirtual Storage and VSA Software, HPE P4000 G2 Storage, and HPE Hyper Converged Systems - Centralized Management Console Updates Required to Continue Receiving Online Upgrades and Patches | Advisory | Dec 04, 2017 |

NOTE:

This list is the current list as of the publication date of this firmware and software compatibility matrix.

Definitions

Upgrade

During an upgrade, newer software or firmware components are applied to the system; this includes going to the next major or minor version.

Examples:

- LeftHand OS 12.6 > LeftHand OS 12.7
- vSphere ESXi 5.5 U2 > ESXi 6.0 U3
- vSphere ESXi 5.5 U3 > ESXi 6.0 U3

Update/Patch/Hotfix

When applying updates, hotfixes, and patches, the major/minor revision of a software or firmware component remains unchanged.

Example:

- vSphere ESXi 5.5 U2 > ESXi 5.5 U3

NOTE:

For information and downloads required for upgrade to vSphere 6.0, visit the HPE Support Center (<https://support.hpe.com/hpesc/public/home/>). Search for “HPE ConvergedSystem 240-HC StoreVirtual” and select “Drivers and Software”.

Management VM Software

This software runs on the management VM of the HPE ConvergedSystem 200-HC StoreVirtual.

| System Component | vSphere 5.5U2 Supported Versions | vSphere 5.5U3/6.0 Supported Versions | vSphere 6.0 Supported Versions |
|---|--|---|---|
| HPE StoreVirtual Application Aware Snapshot Manager | 11.0 ¹ 12.0 | 13.5 | 13.5 |
| HPE StoreVirtual Centralize Management Console | 11.5 ¹ 12.0 | 12.7 | 12.7 |
| HPE StoreVirtual SNMP MIBs for LeftHand | 11.5 ¹ 12.0 | 11.5 ¹ 12.0 | 12.0 |
| HPE StoreVirtual Command Line Interface for Windows | 11.5 ¹ 12.0 | 12.7.0.34 | 12.7.0.34 |
| HPE OneView for vCenter Storage/Server plugin Storage portal update tool. | 7.4.2 ¹ 7.7.1.10 ² 7.7.3.9 | 7.8.4.168 ³ | 7.8.4.168 ³ |
| HPE Smart Update Manager | 7.1.0 ¹ 7.3.0 | 7.1.0 ¹ 7.3.0 | 7.3.0 |
| Microsoft Windows 2012 Server | 2012 | 2012 | 2012 |
| VMware vCenter | 5.5U2 Nov 2014 ¹ 5.5U2 Mar 2015 | 5.5 U3h (Build 7957701) 6.0U3e (Build 7977899) | 6.0U3e (Build 7977899) 6.0U3 (Build 9313458) |
| HPE OneView InstantOn | 1.0 ¹ 1.1.0 ² 1.2.0 | 1.3.0.41 | 1.3.0.41 |
| VMware vSphere CLI | 5.5U2 | 5.5U2 | 6.0 |
| VMware vSphere PowerCLI | 5.8 R1 6.3.0.8258 | 5.8 R1 6.3.0.8258 | 11.0.0 and Above |

¹ ConvergedSystem 240/242-HC StoreVirtual System only

² Local VMware vCenter only

³ Update HPE OneView for VMware vCenter to 7.8.4.168.

(https://support.hpe.com/hpsc/swd/public/detail?sp4ts.oid=null&swItemId=co_180590-1&swEnvOid=4184)

StoreVirtual software can be downloaded from the **Hewlett Packard Enterprise Software Depot**

The HPE OneView component software can be downloaded from the **Hewlett Packard Enterprise Support Center** website or the **Hewlett Packard Enterprise website**.

VMware software can be downloaded from the **VMware website**.

Node software

Node software versions

This software is installed on each node in the HPE ConvergedSystem 200-HC StoreVirtual system. If one or more nodes require reinstallation, see "Recovering the system" in the **HPE Hyper Converged 250 User Guide**.

| System Component | vSphere 5.5U2 Versions | vSphere 5.5U3/6.0 Versions | vSphere 6.0 Versions |
|---|------------------------------------|---|--|
| HPE Customized ESXi image: VMware vSphere ¹ | 5.5U2 Nov 2014 5.5U2 March 2015 | 5.5U3h (Build 7967571) 6.0U3 (Build 5050593) 6.0U3e (Build 7967664) | 6.0U3 (Build 5050593) 6.0U3e (Build 7967664) 6.0U3 (Build 9313334) |
| HPE iSCSI Target Periodic Rescan for VMware vSphere 5.5 | 5.5.0-1.00 | 5.5.0-1.00 | 5.5.0-1.00 |
| HPE ConvergedSystem 200-HC StoreVirtual Discovery Agent | 5.50-1.00 | 5.5.0-1.00 | 5.5.0-1.3.1.1 |
| HPE StoreVirtual VSA 2014 for vSphere OVF | 11.5 ¹ 12.0 | 12.7 | 12.7 |

¹ If the HPE Custom image for VMware ESXi is not available for download from vmware.com, contact Hewlett Packard Enterprise technical support to obtain the image:
<https://support.hpe.com/hpesc/public/home>

Node firmware and driver versions

Hewlett Packard Enterprise recommends running your HPE ConvergedSystem 200-HC StoreVirtual system with the firmware and drivers outlined in the April 2017 SPP. You can find more details at [Service Pack for ProLiant \(SPP\) Version Gen8.1](#).

Any released disk drive firmware version is supported unless stated otherwise. Upgraded drive models are also supported unless stated otherwise.

These firmware levels should be maintained on each of the four nodes in the HPE ConvergedSystem 200-HC StoreVirtual system.

| System Component | August 2014 SPP | April 2017 SPP | Gen8.1 SPP |
|--|------------------------------|------------------------------|------------------------------|
| RAID Controller (HPE Smart Array P430i) | 2.04 | 4.10 | 4.10 |
| BIOS (HPE ProLiant SL210t Gen8) | 2014.08.02 | 2016.01.18 | 2016.01.18 |
| iLO4 | 2.00 | 2.55 | 2.55 |
| Network Interface Card (1GbE interfaces: HPE Ethernet 1Gb 2-port 361i Adapter) | 1.475 | 1.61, 0x80000cd5, 1.1825.0 | 1.61, 0x80000cd5, 1.1446.0 |
| Network Interface Card (10GbE interfaces: HPE Ethernet 10Gb 2-port 560FLR-SFP+ Adapter) | 1.475 | 0x80000838, 1.1825.0 | 0x80000838, 1.1446.0 |
| HPE Hard Drive Models: EG1200FDJYT EG1200FDNJT EG1200FCVBQ EG1200JEMDA EG1200JETKC | HPD4 HPD8 HPD4 HPD2 | HPD4 HPD8 HPD4 HPD2 | HPD4 HPD8 HPD4 HPD2 |
| HPE Solid State Drive Models: MK0400GCTZA | HPG4 | HPG4 | HPG4 |
| Any released drive firmware version later than the listed version is supported unless specifically stated otherwise. Upgraded drive models are also supported unless specifically stated otherwise. | | | |

Submitting a support case through the Hewlett Packard Enterprise Support Center

1. With your HPE Passport ID, sign in to the Hewlett Packard Enterprise Support Center (HPESC) website (<http://www.support.hpe.com>).
2. Under Cases, select **Submit a case**.
3. The Support Case Manager screen displays.
4. Under More support options, click Submit or manage support cases. The Support Case Manager screen displays.
5. Under Submit a case, enter your Service Agreement Identifier (SAID) then click Submit case. The Support Case Manager screen displays.
6. In the Action column, click the **Submit a case** button in the solution row. The Case details page displays.
7. Enter your Contact information, Equipment location, the Support Case Manager PIN, and detailed information about your request.
8. Click **Submit**.
9. The Contact & equipment location Information screen displays.
10. Verify, change, or enter the information in the Contact & equipment location Information screen, then click **Submit**.
11. Your request is submitted. A member of the support team will contact you.

Support and other resources

Accessing Hewlett Packard Enterprise Support

- For live assistance, go to the Contact Hewlett Packard Enterprise Worldwide website:
<http://www.hpe.com/assistance>
- To access documentation and support services, go to the Hewlett Packard Enterprise Support Center website:
<http://www.hpe.com/support/hpesc>

Information to collect

- Technical support registration number (if applicable)
- Product name, model or version, and serial number
- Operating system name and version
- Firmware version
- Error messages
- Product-specific reports and logs
- Add-on products or components
- Third-party products or components

Accessing updates

- Some software products provide a mechanism for accessing software updates through the product interface. Review your product documentation to identify the recommended software update method.
- To download product updates:
Hewlett Packard Enterprise Support Center
www.hpe.com/support/hpesc
Hewlett Packard Enterprise Support Center: Software downloads
www.hpe.com/support/downloads
Software Depot
www.hpe.com/support/softwaredepot
- To subscribe to eNewsletters and alerts:
www.hpe.com/support/e-updates
- To view and update your entitlements, and to link your contracts and warranties with your profile, go to the Hewlett Packard Enterprise Support Center **More Information on Access to Support Materials** page:
www.hpe.com/support/AccessToSupportMaterials

IMPORTANT:

Access to some updates might require product entitlement when accessed through the Hewlett Packard Enterprise Support Center. You must have an HPE Passport set up with relevant entitlements.

Customer self repair

Hewlett Packard Enterprise customer self repair (CSR) programs allow you to repair your product. If a CSR part needs to be replaced, it will be shipped directly to you so that you can install it at your convenience. Some parts do not qualify for CSR. Your Hewlett Packard Enterprise authorized service provider will determine whether a repair can be accomplished by CSR.

For more information about CSR, contact your local service provider or go to the CSR website:

<http://www.hpe.com/support/selfrepair>

Remote support

Remote support is available with supported devices as part of your warranty or contractual support agreement. It provides intelligent event diagnosis, and automatic, secure submission of hardware event notifications to Hewlett Packard Enterprise, which will initiate a fast and accurate resolution based on your product's service level. Hewlett Packard Enterprise strongly recommends that you register your device for remote support.

If your product includes additional remote support details, use search to locate that information.

Remote support and Proactive Care information HPE

Get Connected

www.hpe.com/services/getconnected HPE

Proactive Care services

www.hpe.com/services/proactivecare

HPE Proactive Care service: Supported products list

www.hpe.com/services/proactivecaresupportedproducts HPE

Proactive Care advanced service: Supported products list

www.hpe.com/services/proactivecareadvancedsupportedproducts

Proactive Care customer information

Proactive Care central

www.hpe.com/services/proactivecarecentral

Proactive Care service activation

www.hpe.com/services/proactivecarecentralgetstarted

Warranty information

To view the warranty for your product or to view the *Safety and Compliance Information for Server, Storage, Power, Networking, and Rack Products* reference document, go to the Enterprise Safety and Compliance website:

ww.hpe.com/support/Safety-Compliance-EnterpriseProducts

Additional warranty information

HPE ProLiant and x86 Servers and Options

ww.hpe.com/support/ProLiantServers-Warranties

HPE Enterprise Servers

ww.hpe.com/support/EnterpriseServers-Warranties

HPE Storage Products

ww.hpe.com/support/Storage-Warranties

HPE Networking Products

ww.hpe.com/support/Networking-Warranties

Regulatory information

To view the regulatory information for your product, view the *Safety and Compliance Information for Server, Storage, Power, Networking, and Rack Products*, available at the Hewlett Packard Enterprise Support Center:

ww.hpe.com/support/Safety-Compliance-EnterpriseProducts

Additional regulatory information

Hewlett Packard Enterprise is committed to providing our customers with information about the chemical substances in our products as needed to comply with legal requirements such as REACH (Regulation EC No 1907/2006 of the European Parliament and the Council). A chemical information report for this product can be found at:

ww.hpe.com/info/reach

For Hewlett Packard Enterprise product environmental and safety information and compliance data, including RoHS and REACH, see:

ww.hpe.com/info/ecodata

For Hewlett Packard Enterprise environmental information, including company programs, product recycling, and energy efficiency, see:

ww.hpe.com/info/environment

Documentation feedback

Hewlett Packard Enterprise is committed to providing documentation that meets your needs. To help us improve the documentation, send any errors, suggestions, or comments to Documentation Feedback (d_ocsfeedback@hpe.com). When submitting your feedback, include the document title, part number, edition, and publication date located on the front cover of the document. For online help content, include the product name, product version, help edition, and publication date located on the legal notices page.